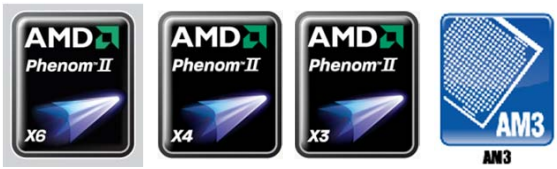
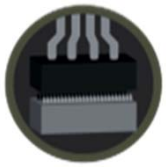
Selling Point	**CROSSHAIR IV EXTREME** ***The First ROG Extreme Motherboard of AMD Platform*** *AMD Pheonm II X6 *AMD 890FX / SB850 *Dual DDR3 2000 (O.C.) *ROG Connect *RC Bluetooth * ROG iDirect *CrossLinx 3 Technology / Lucid HYDRALOGIX *USB BIOS Flashback / BIOS Flashback		
Republic of Gamers			The Republic of Gamers consists only the best of the best. We offer the best hardware engineering, the fastest performance, the most innovating ideas, and we welcome the best gamers to join in. In the Republic of Gamers, mercy rules are only for the weak, and bragging rights means everything. We believe in making statements and we excel in competitions. If your character matches our trait, then join the elite club, make your presence felt, in the Republic of Gamers.
CPU	**Phenom™ II/Athlon™ II/ Sempron™ 100 Series Processors （AM3 CPU）**		This motherboard supports AMD® Socket AM3 multi-core processors with unique L3 cache and delivers better overclocking capabilities with less power consumption. It features dual-channel DDR3 1333 memory support and accelerates data transfer rate up to 5200MT/s via HyperTransport™ 3.0 based system bus. This motherboard also supports AMD® CPUs in the new 45nm manufacturing process.
Chipset	**AMD 890FX Chipset**		AMD 890FX Chipset is designed to support up to 5.2GT/s HyperTransport™ 3.0 (HT 3.0) interface speed and dual PCI Express™ 2.0 x16 graphics. It is optimized with AMD latest AM3 and multi-core CPUs to provide excellent system performance and overclocking capabilities.
	PCIe 2.0 support		This motherboard supports the latest PCIe 2.0 devices for double speed and bandwidth which enhances system performance.

Multi-GPU support	**ATI CrossFire X™ Technology**		**ATI's CrossFireX™** boosts image quality along with rendering speed, eliminating the need to scale down screen resolution to get high quality images. CrossFireX™ allows higher anti-aliasing, anisotropic filtering, shading, and texture settings. Adjust your display configurations, experiment with the advanced 3D settings, and check the effects with a real-time 3D-rendered previews within ATI Catalyst™ Control Center.
	CrossLinx 3 Technology		***Experience true graphics freedom** Lucid Hydra CrossLinx 3 makes it possible to combine multi-GPU graphics cards from any generation and vendor on the same motherboard. This gives PC users greater flexibility, and enables vastly increased performance, free of compatibility limitations.
	ROG Connect		***Plug and Overclock - Tweak it the hardcore way!** Monitor the status of your desktop PC and tweak its parameters in real-time via a notebook—just like a race car engineer—with ROG Connect. ROG Connect links your main system to a notebook through a USB cable, allowing you to view real-time POST code and hardware status readouts on your notebook, as well as make on-the-fly parameter adjustments at a purely hardware level.
	RC Bluetooth		***Smashes through all the barriers of conventional overclocking !** Still overclocking in old-fashioned way? Let RC Bluetooth bring you the whole new idea of how to do! Just simply push the button from the Back I/O on the RC Bluetooth card, overclockers can real-time monitor the desktop PC system status & tweak its parameters - such as voltages and frequency on the fly. When users want to use ordinary bluetooth functions, just simply push the button once again & enjoy all the wireless convenience brought from RC Bluetooth.

ROG Exclusive Overclocking Features	**USB BIOS Flashback**		***Refresh the BIOS can never be that easy** USB BIOS Flashback must be the most convenient way to flash BIOS ever! It allows overclockers to try their BIOS with the simplist way one can imagine. No need to enter the BIOS or the operating system, just plug the thumb drive into the ROG Connect port & push the ROG Connect button for 2 seconds, BIOS would be automatically flashed under standby power. It's no doubt that USB BIOS Flashback gives overclockers the ultimate convenience!
	BIOS Flashback		***Two BIOS ROM. Two BIOS settings. Twice the overclocking flexibility.** Overclocker's prayer to have BIOS flexibility is answered! With the new BIOS Flashback, PC enthusiasts can overclock with even more confidence. BIOS Flashback gives overclockers the ability to save two versions of the BIOS simultaneously. Very much like the "SaveGame" function, one BIOS can be used for the overclocking adventure, while the other BIOS is to be stored with any previous version. BIOS Flashback brings the ultimate convenience to overclockers!
	iROG		***Intelligent multiple control at hand** The iROG is a special IC which enables several ROG highlitghted functions that gives users full disposal of the motherboard at any stage! This design allows advanced user control and management to be processed purely at a hardware level. iROG greatly increases fun during overclocking for PC enthusiasts and it offers system maintainence and management with more control and efficiency.
	ProbeIt		***Get all hands-on with hardware-based overclocking** ProbeIt takes the guesswork out of locating the motherboard's measurement points, identifying them clearly in the form of 7 sets of detection points so you'll know exactly where to get quick yet accurate readings.
	Extreme Tweaker		***One stop performance tuning shop** Extreme Tweakers is the one stop shop to fine-tune your system to optimal performance. No matter if you're looking for frequency adjustment, over-voltage options, or memory timing settings, they're all here!

	Loadline Calibration		***Optimal power boost for extreme CPU overclocking!** Maintaining ample voltage support for the CPU is critical during overclocking. The Loadline Calibration ensures stable and optimal CPU voltage under heavy loading. It helps overclockers enjoy the motherboard's ultimate OC capabilities and benchmark scores.
	Voltiminder LED		***Friendly reminder on Voltage Settings** In the pursuit of extreme performance, overvoltage adjustment is critical but risky. Acting as the "red zone" of a tachometer, the Voltiminder LED displays the voltage status for CPU, NB, SB, and Memory in a intuitive color-coded fashion. The voltiminder LED allows quick voltage monitoring for overclockers.
ROG Unique Features	**CPU Level Up**		***A simple click for instant upgrade!** Ever wish that you could have a more expansive CPU? Upgrade your CPU at no additional cost with ROG's CPU Level Up! Simply pick the processor you wanted to OC to, and the motherboard will do the rest! See the new CPU speed and enjoy that performance instantly. Overclocking is never as easy as this.
	MemOK!		***Any memory is A-OK!** Memory compatibility is among the top concerns when it comes to computer upgrades. Worry no more, MemOK! is the fastest memory booting solution today. This remarkable memory rescue tool requires nothing but a push of a button to patch memory issues and get your system up and running in no time. The technology is able to determine failsafe settings that can dramatically improve system booting
	Q-Fan Plus		***Optimized quietness and cooling for more devices** The Q-Fan function automatically detects temperature and adjusts fan speed accordingly to achieve quiet and efficient cooling. With Q-Fan Plus, special temperature sensor cable is provided to detect temperature on any device. When used with a optional fans, you may activate Q-Fan function on up to 3 additional devices of your choice!

	COP EX		***Maximum OC with confidence with burn proof protection to chipsets and CPU!** The COP EX allows overclockers to increase chipset voltages without the worries of overheating. It can also be used to monitor and save an overheating CPU. The COP EX allows more freedom and less constraint for maximum performance achievement.
	Onboard Switch		***No more shorting pins or moving jumpers** With an easy press during overclock, this exclusive onboard switch allows gamer to effortlessly fine-tune the performance without having to short the pins or moving jumpers!
	ASUS Q-Connector		***Make connections quick and accurate** The Q-Connector allows you to connect or disconnect chassis front panel cables in one easy step with one complete module. This unique adapter eliminates the trouble of plugging in one cable at a time, making connection quick and accurate.
ROG Bundled	**Kaspersky® Anti-Virus**		***The best protection from viruses and spyware** Kaspersky® Anti-Virus Personal offers premium antivirus protection for individual users and home offices. It is based on advanced antivirus technologies. The product incorporates the Kaspersky® Anti-Virus engine, which is renowned for malicious program detection rates that are among the industry's highest.
	3DMark® Vantage Advanced Edition		***The gamers' benchmark** 3DMarkVantage is the new industry standard PC gaming performance benchmark from Futuremark, newly designed for Windows Vista and DirectX10. It includes two new graphics tests, two new CPU tests, several new feature tests, and support for the latest hardware. 3DMark® Vantage is based on a completely new rendering engine, developed specifically to take full advantage of DirectX10, the new graphics API from Microsoft.
	Core Unlocker		***Intelligently Unlocks True Core Performance** ASUS Core Unlocker simplifies the activation of a latent AMD CPU—with just a press of a button. Enjoy an instant performance boost by simply unlocking the extra cores, without performing complicated BIOS changes.

ASUS Special Features			
	ASUS TurboV EVO		***The Ultimate O.C. Processor** The ultimate O.C. processor satisfies every level of overclockers—from die-hard enthusiasts to beginners. Auto tuning intelligently pushes the system to the fastest clock speeds while maintaining stability. Turbo Key boosts performance with just one touch; while TurboV offers more options to advanced overclockers to achieve world O.C. record. Moreover, upgrade your CPU at no additional cost with CPU Level UP!
	USB 3.0 Support		***10X Faster Date Rates!** Experience ultra-fast data transfers at 4.8Gbps with USB 3.0—the latest connectivity standard. Built to connect easily with next generation components and peripherals, USB 3.0 transfers data 10X faster and is also backward compatible with USB 2.0 components.
	SATA 6Gb/s Support		***Experience the future of storage!** Supporting next-generation Serial ATA (SATA) storage interface, this motherboard delivers up to 6.0Gb/s data transfer rates. Additionally, get enhanced scalability, faster data retrieval, double the bandwidth of
	O.C. Profile		***Conveniently store or load multiple BIOS settings** Freely share and distribute favorite overclocking settings The motherboard features the ASUS O.C. Profile that allows users to conveniently store or load multiple BIOS settings. The BIOS settings can be stored in the CMOS or a separate file, giving users freedom to share and distribute their favorite overclocking settings.
	Q-Shield		***Easy and Comfortable Installations** The specially designed ASUS Q-Shield does without the usual "fingers" - making it convenient and easy to install. With better electric conductivity, it ideally protects your motherboard against static electricity and shields it against Electronic Magnetic Interference (EMI).
	EZ Flash2		Simply update BIOS from a USB flash disk before entering the OS EZ Flash 2 is a user-friendly BIOS update utility. Simply launch this tool and update BIOS from a USB flash disk before entering the OS. You can update your BIOS only in a few clicks without preparing an additional floppy diskette or using an OS-based flash utility.

	MyLogo3		Personalize your system with customizable boot logo The ASUS MyLogo 3 is the new feature present in the motherboard that allows you to personalize and add style to your system with customizable and animated boot logos.
	SATA on the Go		The motherboard supports the next-generation hard drives based on the Serial ATA (SATA) 3Gb/s storage specification, delivering enhanced scalability and doubling the bus bandwidth for high-speed data retrieval and saves. The external SATA port located at the back I/O provides smart setup and hot-plug functions. Easily backup photos, videos and other entertainment contents on external devices.
	IEEE 1394a interface		IEEE 1394a interface provides high speed digital interface for audio/video appliances such as digital television, digital video camcorders, storage peripherals & other PC portable devices.